



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

March 22, 2017

Sharon M. Johnston  
Regulatory Consultant  
CTX-Cenol, Inc.  
1393 E. Highland Road  
Twinsburg, OH 44087

Subject: Amended Reregistration Label  
Product Name: Pyronox No. 3 Insecticide  
EPA Registration Number: 45385-28  
Decision Number: 410109, 411855

Dear Ms. Johnston:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the above referenced product in connection with the Pyrethins/Piperonyl Butoxide RED, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

NOTE: This product is **not** yet being reregistered under section 4(g) of FIFRA.

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated 10/09/2012
- Alternate CSF 1, dated 10/09/2012
- Alternate CSF 2, dated 08/23/2007
- Alternate CSF 3, dated 08/23/2007
- Alternate CSF 4, dated 01/29/2008

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment or the next printing of the label, whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions about this letter, please contact Tim Ciarlo by phone at 703-347-8082, or via email at [Ciarlo.Timothy@epa.gov](mailto:Ciarlo.Timothy@epa.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Gene Benbow".

Gene Benbow, Acting Product Manager 4  
Invertebrate & Vertebrate Branch 1  
Registration Division (7505P)  
Office of Pesticide Programs

**SUB-LABEL A - COMMERCIAL USE**

# PYRONOX NO. 3 INSECTICIDE

- Industrial, Mill, Livestock and Mosquito Spray
- For Rapid Control of flying and Crawling Insects Named on This Label
- Kills: Bed bugs, Fleas, Brown Dog Ticks and other insects listed on this label.
- For Use in: Food Processing Plants, Canneries, Packing Houses, Mills, elevators, Granaries, Warehouses, box Cars, Ships' Holds, Breweries, Bottling Plants, Bakeries, Stores, Markets, Theaters, Hospitals, Schools, Homes, Hotels, Motels, Restaurants, Dairies, Barns & Milk Rooms

**ACTIVE INGREDIENTS:**

Pyrethrins (CAS# 8003-34-7) ..... 0.13%  
Piperonyl Butoxide\* (CAS# 51-03-6) ..... 1.27%

**OTHER INGREDIENTS\*\*:** ..... 98.60%  
Total ..... 100.00%

\*(butylcarbityl) (6-propylpiperonyl) ether and related compounds

\*\*Contains Petroleum Distillate

**EPA Reg. No. 45385-28      EPA Est. No.**

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**STOP: Read Label Before Use**

**See side [back] panel(s) for additional precautionary statements.**

**ACCEPTED**

**03/22/2017**

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under

EPA Reg. No. 45385-28

**CTX-Cenol, Inc.**  
P.O. Box 472  
Twinsburg, OH 44087

Net Contents: x pint [quart, gallon]

## **PRECAUTIONARY STATEMENTS**

### **Hazards to Humans and Domestic Animals**

**CAUTION:** Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid breathing vapors or spray mist. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

### **PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Mixers, loaders, applicators and other handlers, must wear the following:

- Long-sleeved shirt
- Long pants
- Shoes and socks

In addition to the above PPE, applicators using a high pressure hand wand in an enclosed area must wear at least a NIOSH-approved particulate respirator with any R or P filter with NIOSH approval number prefix TC-84A.

In addition to the above PPE, applicators using hand held foggers in an enclosed area must wear a half-face, full-face, or hood-style NIOSH-approved respirator with:

- a supplied air respirator with NIOSH approval number prefix 19C or
- a self-contained breathing apparatus (SCBA) with NIOSH approval number prefix TC-13F).

See engineering controls for additional requirements.

#### **User Safety Requirements:**

- Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.
- Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product. Do not reuse them.

#### **User Safety Recommendations:**

- User should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### **Engineering Controls-**

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)].

Human flagging is prohibited. Flagging to support aerial application is limited to use of the Global Positioning System (GPS) or mechanical flaggers.

<b>FIRST AID</b>	
<b>If Swallowed</b>	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give any liquid to the person.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If in Eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on Skin or Clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<p>Have this product container or label with you when calling a poison control center or doctor or when going for treatment. You may also call 1-800-858-7378 for emergency medical treatment advice.</p>	
<p><b>NOTE TO PHYSICIAN:</b> Contains petroleum distillates. Vomiting may cause aspiration pneumonia.</p>	

### Environmental Hazards

This product is toxic to aquatic organisms, including fish and invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through runoff. This product has a potential for runoff for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are foraging the treatment area except when applications are made to prevent or control a threat to public and/or animal health determined by a state, tribal or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

Except as specified in the directions for use, do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash-waters or rinsate. When applying as a wide area mosquito adulticide, before making the first application in a season, it is advisable to consult with the state or tribal agency with primary responsibility for pesticide regulation to determine if other regulatory requirements exist.

When applying as a wide area mosquito adulticide, do not apply over bodies of water (lakes, rivers, permanent streams, natural ponds, commercial fish ponds, swamps, marshes or estuaries), except when necessary to target areas where adult mosquitoes are present and weather conditions will facilitate movement of applied material away from the water in order to minimize incidental deposition into the water body.

### Physical and Chemical Hazards

Do not use or store near heat or open flame. Do not use product in conduits, motor housings or electrical switch boxes.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

### Restrictions:

- Remove or cover exposed food and drinking water before application.
- Remove or cover dishes, utensils, food processing equipment and food preparation surfaces or wash them before use.
- For use as a surface spray:
  - Except when applying to animals (livestock) or as a mosquito adulticide, do not enter or allow others to enter until sprays have dried.
  - Do not apply more than one time per day.
- For use as a space spray:
  - Except when applying to animals (livestock) or as a mosquito adulticide, do not enter or allow others to enter until vapors, mists and aerosols have dispersed and the treated area has been thoroughly ventilated.
  - Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors and/or mists have dispersed.
  - When used in food/feed handling facilities: Do not make space spray applications while facility is in operation. Prior to space spray applications, cover or remove food and cover food processing surfaces or clean after treatment and before use.
    - Do not apply more than one time per day.
- Except when applying to animals (livestock) or as a mosquito adulticide, do not apply this product in a way that will contact workers or other persons either directly or through drift. Only protected handlers may be in the area during application.
- Do not make outdoor applications during rain.
- Do not wet articles to point of runoff or drip.
- Do not use treated article until spray has dried.
- Remove pets and birds and cover fish aquariums before spraying.
- When used in dairy barns or facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking. Do not apply more than one time per day.
- For outdoor residential use:
  - Do not water the treated area to the point of run-off.
  - Do not apply directly into sewers or drains or to any area like a gutter where drainage to storm sewers, water bodies or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.
  - All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:
    - (1) Treatment to soil or vegetation around structures;
    - (2) Applications to lawns, turf and other vegetation;
    - (3) Applications to building foundations, up to a maximum height of 3 feet;
    - (4) Applications to underside of eaves, soffits, doors or windows permanently protected from rainfall by a covering, overhang, awning or other structure;
    - (5) Applications around potential pest entry points into buildings when limited to a surface band not to exceed one inch in width;
    - (6) Applications made through the use of a coarse, low pressure spray to only those portions of surfaces that are directly above bare soil, lawn, turf, mulch or other vegetation, as listed on this label, and not over an impervious surface, drainage or other condition that could result in run-off into storm drains, drainage ditches, gutters or surface waters, in order to control occasional invaders or aggregating pests.Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors and eaves) are limited to spot and crack-and-crevice applications only.

### **Application Restrictions for Mosquito Adulticide Application by ground or air:**

For use by federal, state, tribal or local government officials responsible for public health or vector control or by persons certified in the appropriate category or otherwise authorized by the state or tribal lead pesticide regulatory agency to perform adult mosquito control applications or by persons under their direct supervision.

The maximum application rate for wide area mosquito adulticide applications is 0.0025 lbs pyrethrins (37.3 oz of undiluted product)/acre or 0.025 lbs piperonyl butoxide/acre, whichever is lower. When targeting *Aedes Taerirhynchus* and other difficult species, applications may be made up to 0.008 lbs pyrethrin (120 oz of undiluted product)/acre/day or 0.08 lbs piperonyl butoxide/acre/day, whichever is lower.

Do not apply more than 0.2 lbs pyrethrin/acre/year or 2.0 lbs piperonyl butoxide/acre/year, whichever is lower, in any treated area. More frequent treatments may be made to prevent or control a threat to public and/or animal health determined by a state, tribal or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

**WIND SPEED:** Apply only when wind speed is greater than or equal to 1 mph.

Ground-based applications for wide-area mosquito abatement application:

Spray equipment must be adjusted so that the volume median diameter is less than 30 microns (Dv 0.5 <30 microns) and 90% of the spray is contained in droplets smaller than 50 microns (Dv 0.9 <50 microns). Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

Aerial applications for wide-area mosquito abatement application:

Spray equipment must be adjusted so that the volume median diameter is less than 60 microns (Dv 0.5 >60 microns) and that 90% of the spray is contained in droplets smaller than 80 microns (Dv 0.9 <80 microns). The effects of flight speed and for non-rotary nozzles, nozzle angle on the droplet size spectrum must be considered. Directions from the equipment manufacturer or vendor, pesticide registration or a test facility using a laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet spectra. Application equipment must be tested as least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

**RELEASE HEIGHT for AERIAL:**

Fixed wing: Apply using a nozzle height of no less than 100 feet above the ground or canopy.

Rotary wing: Apply using a nozzle height of no less than 75 feet above the ground canopy.

For maximum effectiveness, a combination of spot, surface treatment and fogging is recommended.

### **SURFACE SPRAYING:**

When applying as a surface spray, use 1 gallon of this product per 750 sq. ft. of area.

To control exposed or accessible stages of roaches, ants, silverfish, spiders, crickets, clover mites, cheese mites, granary weevils, rice weevils, confused flour beetles, rust red four beetles, saw-toothed grain beetles, spider beetles, cigarette beetles, drugstore beetles, meal worms, grain mites and cadelles: Use a good sprayer adjusted to deliver a coarse wet spray. Direct the spray into hiding places, cracks and crevices, under pallets, around containers of stored foods, around the base of machinery, behind shelves and drawers. For silverfish, spray bookcases.

For **ants**, spray trails, nests and points of entry. If surface application only is to be used, spray floors, walls and other surfaces.

To control **carpet beetles**: Spray edges of carpeting and under carpeting and rugs. Make localized application to floor and baseboards. Spray directly into cracks, closets and infested areas of shelving.

To control **bedbugs**: Spray mattresses lightly, particularly around tufts and seams. Take beds apart and spray in all joints. Treat baseboards, moldings and floors.

To control **fleas** and **brown dog ticks**: Thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames and all areas of floor and floor covering. Fresh bedding should be placed in animal quarters following treatment. Concurrent treatment of animals with an approved insecticide is recommended.

#### **SPACE SPRAYING:**

Close doors and windows and shut off ventilating systems. Apply with a good machine adjusted to deliver a fine mist or fog. For rapid control of **flies, fruit flies, gnats, mosquitoes, skipper flies, wasps, hornets, Angoumois grain moths, Mediterranean flour moths, Indian meal moths** and **tobacco moths**, direct spray at an upward angle distributing it uniformly throughout the entire area at a rate of one gallon to 200,000 cubic feet (0.65 oz per 1000 cu. ft.) of space.

To kill exposed or accessible stages of the above-named flying insects, use a rate of one gallon to 80,000 cubic feet (1.6 oz. per 1000 cu. ft.) of space. Contact insects directly whenever possible.

**BARNs, MILKROOMs, DAIRY PLANTs:** To control **flies, mosquitoes** and **gnats**, apply as a fog or fine mist directing spray toward the ceiling and upper corners until the area is filled with mist at a rate of 2 ounces per 1000 cubic feet of space. For best results, close windows and doors before spraying and keep closed for ten to fifteen minutes.

#### **FOR USE ON ANIMALS:**

To protect horses, cattle and hogs from **Horn Flies, House Flies, Mosquitoes** and **Gnats**, apply a light mist sufficient to wet the tips of the hair of the animal. To control **Stable Flies, Horse Flies, Deer Flies**, apply 1 to 2 ounces per adult animal, sufficient to wet the hair but not to soak the hide. Repeat treatment at intervals necessary to give continued protection but no more than one time per day.

**OUTDOOR MOSQUITO, BITING FLIES and GNATS CONTROL:** See Application Restrictions For Mosquito Adulticide Applications above. To control adult **Mosquitoes, Biting Flies** and **Biting Gnats**, apply as a fog or fine mist using suitable mechanical, thermal or compressed air equipment capable of producing aerosol spray droplets. Apply undiluted at a rate not to exceed 37.3 oz. per acre (or 0.85 fluid ounces per 1000 square feet). For best results, treat a 300 foot wide swath downwind when velocity does not exceed 5 miles per hour. Application in the evening or early morning is recommended. For mosquitoes, treat areas thoroughly with particular attention to low and marshy places, shore lines, stagnant pools or ponds and shrubbery or vegetation where adult mosquitoes may rest. Do not directly treat any fish bearing waters.

#### **Storage and Disposal**

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Store this product in its original container in a dry, cool, secured area.

**Pesticide Disposal:** As a responsible environmental practice, where possible, it is recommended that all of the contents of the container be used, carefully following label directions and precautions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

**Container Handling:** Non-refillable container. Do not reuse or refill this container. Place in trash or offer for recycling, if available or reconditioning, if appropriate or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

**Spill:** In case of spill, absorb liquid with absorbent material such as soil or clay, etc. Sweep up and dispose of material according to PESTICIDE DISPOSAL directions listed above

#### CONDITIONS OF SALE:

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitation of Liability before using this product. If the terms are not acceptable, return the unopened container at once. By using this product, user and buyer accept the following Conditions, Disclaimer of Warranties and Limitations of Liability. **CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully, however it is impossible to eliminate all risks associated with the use of this product. Injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond the control of CTX CENOL, INC. All such risks shall be assumed by the user or buyer. **Disclaimer of Warranties:** To the extent consistent with applicable law, there are no warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise which extend beyond the statements made on this label. No agent of CTX CENOL, INC. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein.

To the extent consistent with applicable law, CTX CENOL, INC. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

**LIMITATION OF WARRANTIES:** To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price or at CTX CENOL, INC.'s option, the replacement of the product.

Product Batch Code No. \_\_\_\_\_

**SUB-LABEL B - RESIDENTIAL USE**

# PYRONOX NO. 3 INSECTICIDE

- For Rapid Control of flying and Crawling Insects Named on This Label
- Kills: Bed bugs, Fleas, Brown Dog Ticks and other insects listed on this label.
- For Use in: Homes

**ACTIVE INGREDIENTS:**

Pyrethrins (CAS# 8003-34-7) ..... 0.13%  
Piperonyl Butoxide\* (CAS# 51-03-6) ..... 1.27%

**OTHER INGREDIENTS\*\*:** ..... 98.60%  
Total ..... 100.00%

\*(butylcarbityl) (6-propylpiperonyl) ether and related compounds.

\*\*Contains Petroleum Distillate

**EPA Reg. No. 45385-28      EPA Est. No.**

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**STOP: Read Label Before Use**

**See side [back] panel(s) for additional precautionary statements.**

**CTX-Cenol, Inc.**  
P.O. Box 472  
Twinsburg, OH 44087

Net Contents: x pint [quart, gallon]

**PRECAUTIONARY STATEMENTS**  
**Hazards to Humans and Domestic Animals**

**CAUTION:** Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid breathing vapors or spray mist. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

<b>FIRST AID</b>	
<b>If Swallowed</b>	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give any liquid to the person.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If in Eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on Skin or Clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<p>Have this product container or label with you when calling a poison control center or doctor or when going for treatment. You may also call 1-800-858-7378 for emergency medical treatment advice.</p>	
<p><b>NOTE TO PHYSICIAN:</b> Contains petroleum distillates. Vomiting may cause aspiration pneumonia.</p>	

**Environmental Hazards**

This pesticide is toxic to aquatic organisms, including fish and invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are foraging the treatment area.

**Physical and Chemical Hazards**

Do not use or store near heat or open flame. Do not use product in conduits, motor housings or electrical switch boxes.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

### Restrictions:

- Remove or cover exposed food and drinking water before application.
- Remove or cover dishes, utensils, food processing equipment and food preparation surfaces or wash them before use.
- Do not apply more than one time per day.
- For use as a surface spray:
  - Do not apply this product in a way that will contact adults, children or pets either directly or through drift.
  - Do not allow adults, children or pets to enter until sprays have dried.
- For use as a space spray:
  - Do not apply this product in a way that will contact adults, children or pets either directly or through drift.
  - Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors and/or mists have dispersed.
  - Do not allow adults, children or pets to enter until vapors, mists and aerosols have dispersed and the area has been thoroughly ventilated.
- Do not make outdoor applications during rain.
- Do not wet articles to point of runoff or drip.
- Do not use treated article until spray has dried.
- Remove pets and birds and cover fish aquariums before spraying.
- For outdoor use:
  - Do not make applications during rain.
  - Do not water the treated area to the point of run-off.
  - Do not apply directly into sewers or drains or to any area like a gutter where drainage to storm sewers, water bodies or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.
  - All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:
    - (1) Treatment to soil or vegetation around structures;
    - (2) Applications to lawns, turf and other vegetation;
    - (3) Applications to building foundations, up to a maximum height of 3 feet.Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors and eaves) are limited to spot and crack-and-crevice applications only.

For maximum effectiveness, a combination of spot, surface treatment and fogging is recommended.

### SURFACE SPRAYING:

When applying as a surface spray, use 1 gallon of this product per 750 sq. ft. of area.

To control exposed or accessible stages of roaches, ants, silverfish, spiders, crickets, clover mites, cheese mites, granary weevils, rice weevils, confused four beetles, rust red four beetles, saw-toothed grain beetles, spider beetles, cigarette beetles, drugstore beetles, meal worms, grain mites and caddisflies: Use a good sprayer adjusted to deliver a coarse wet spray. Direct the spray into hiding places, cracks and crevices, under pallets, around containers of stored foods, around the base of machinery, behind shelves and drawers. For silverfish, spray bookcases.

For **ants**, spray trails, nests and points of entry. If surface application only is to be used, spray floors, walls and other surfaces.

To control **carpet beetles**: Spray edges of carpeting and under carpeting and rugs. Make localized application to floor and baseboards. Spray directly into cracks, closets and infested areas of shelving.

To control **bedbugs**: Spray mattresses lightly, particularly around tufts and seams. Take beds apart and spray in all joints. Treat baseboards, moldings and floors.

To control **fleas** and **brown dog ticks**: Thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames and all areas of floor and floor covering. Fresh bedding should be placed in animal quarters following treatment. Concurrent treatment of animals with an approved insecticide is recommended.

#### **SPACE SPRAYING:**

Close doors and windows and shut off ventilating systems. Apply with a good machine adjusted to deliver a fine mist or fog. For rapid control of **flies, fruit flies, gnats, mosquitoes, skipper flies, wasps, hornets, Angoumois grain moths, Mediterranean flour moths, Indian meal moths** and **tobacco moths**, direct spray at an upward angle distributing it uniformly throughout the entire area at a rate of 0.65 oz per 1000 cubic feet of space.

To kill exposed or accessible stages of the above-named flying insects, use a rate of 1.6 oz. per 1000 cubic feet of space. Contact insects directly whenever possible.

#### **FOR USE ON ANIMALS:**

To protect horses, cattle and hogs from **Horn Flies, House Flies, Mosquitoes** and **Gnats**, apply a light mist sufficient to wet the tips of the hair of the animal. To control **Stable Flies, Horse Flies, Deer Flies**, apply 1 to 2 ounces per adult animal, sufficient to wet the hair but not to soak the hide. Repeat treatment at intervals necessary to give continued protection but no more than one time per day.

#### **Storage and Disposal**

**Pesticide Storage:** Store this product in its original container in a dry, cool, secured area.

**Pesticide Disposal:** As a responsible environmental practice, where possible, it is recommended that all of the contents of the container be used, carefully following label directions and precautions.

**Container Handling:** Non-refillable container. Do not reuse or refill this container. If empty: Place in trash or offer for recycling if available. If Partly Filled: Call your local waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**Spill:** In case of spill, absorb liquid with absorbent material such as soil or clay, etc. Sweep up and dispose of material according to CONTAINER HANDLING – IF PARTLY FILLED – directions listed above.

**CONDITIONS OF SALE:**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitation of Liability before using this product. If the terms are not acceptable, return the unopened container at once. By using this product, user and buyer accept the following Conditions, Disclaimer of Warranties and Limitations of Liability. **CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully, however it is impossible to eliminate all risks associated with the use of this product. Injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond the control of CTX CENOL, INC. All such risks shall be assumed by the user or buyer. **Disclaimer of Warranties:** To the extent consistent with applicable law, there are no warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise which extend beyond the statements made on this label. No agent of CTX CENOL, INC. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein.

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Product Batch Code No. \_\_\_\_\_